

03040204-060

(Little Pee Dee River)

General Description

Watershed 03040204-060 is located in Dillon and Marion Counties and consists primarily of the **Little Pee Dee River** and its tributaries from Buck Swamp to the Lumber River. The watershed occupies 13,551 acres of the Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Norfolk-Lakeland-Coxville-Rains series. The erodibility of the soil (K) averages 0.10; the slope of the terrain averages 4%, with a range of 0-15%. Land use/land cover in the watershed includes: 34.8% agricultural land, 27.2% forested land, 20.7% forested wetland (swamp), and 17.3% scrub/shrub land.

This section of the Little Pee Dee River accepts drainage from its upstream reaches along with several unnamed tributaries before merging with the Lumber River Watershed. There are a total of 9.1 stream miles and a few ponds (totaling 20.5 acres), all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-052	P	FW	LITTLE PEE DEE AT S-34-60

Little Pee Dee River (PD-052) - Aquatic life uses are fully supported; however, there was a very high concentration of zinc measured in 1995. This is a blackwater system, characterized by naturally low pH. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. There is a significant increasing trend in pH. Significant decreasing trends in total phosphorus and total nitrogen concentrations suggest improving conditions for these parameters. Recreational uses are fully supported, and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

A fish consumption advisory has been issued by the Department for mercury and includes the Little Pee Dee River within this watershed (see advisory p.115).

Growth Potential

There is a low potential for growth in this watershed.